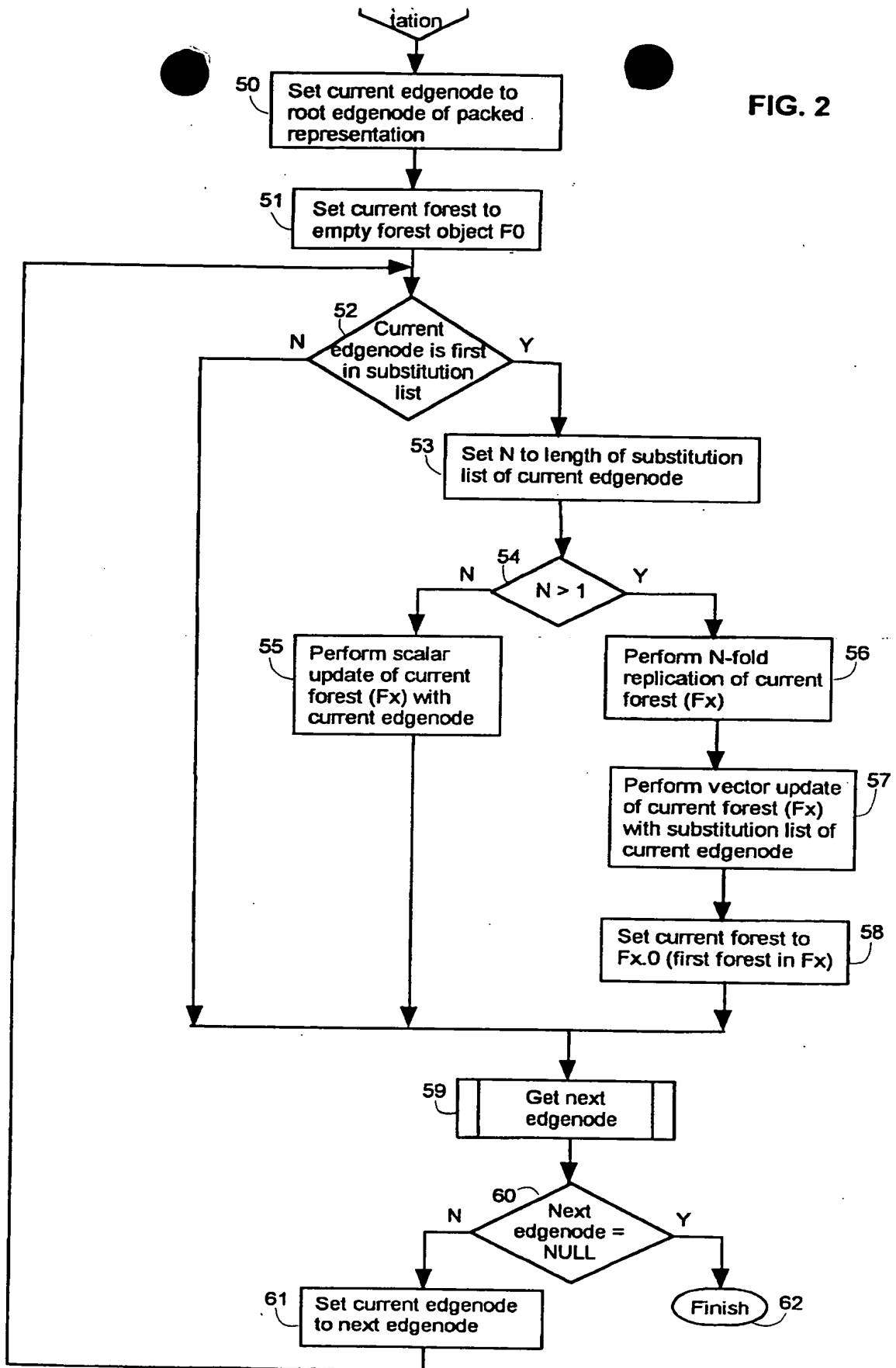


FIG. 2



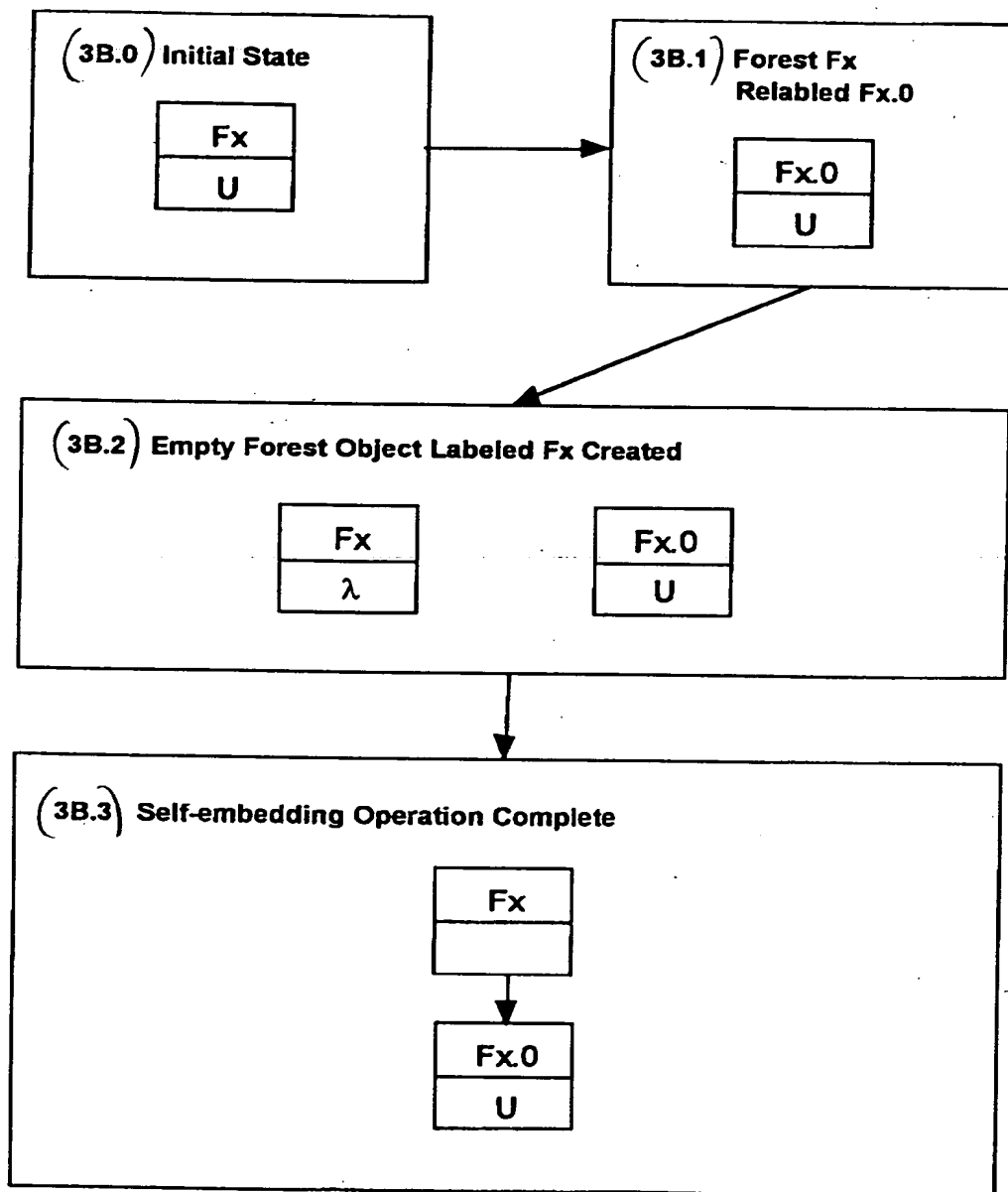


FIG. 3B

The diagram illustrates the three steps of the Self-Embedding Replication (SER) operation:

- (3C.0) Initial State:** A single block labeled **Fx** with a sub-label **U** below it.
- (3C.1) Self-Embedding Operation Complete:** The block **Fx** now contains a smaller version of itself, labeled **Fx.0**, which also has a sub-label **U** below it. An arrow points from the original **Fx** block to the new **Fx.0** block.
- (3C.2) N-fold Replication Operation Complete:** The process is repeated **N-1** times, resulting in **N** copies of the **Fx.0** block, labeled **Fx.1** through **Fx.(N-1)**, each with a sub-label **U** below it. An arrow points from the **Fx.0** block in step (3C.1) to the first of these blocks in step (3C.2).

FIG.3C

FIG. 4

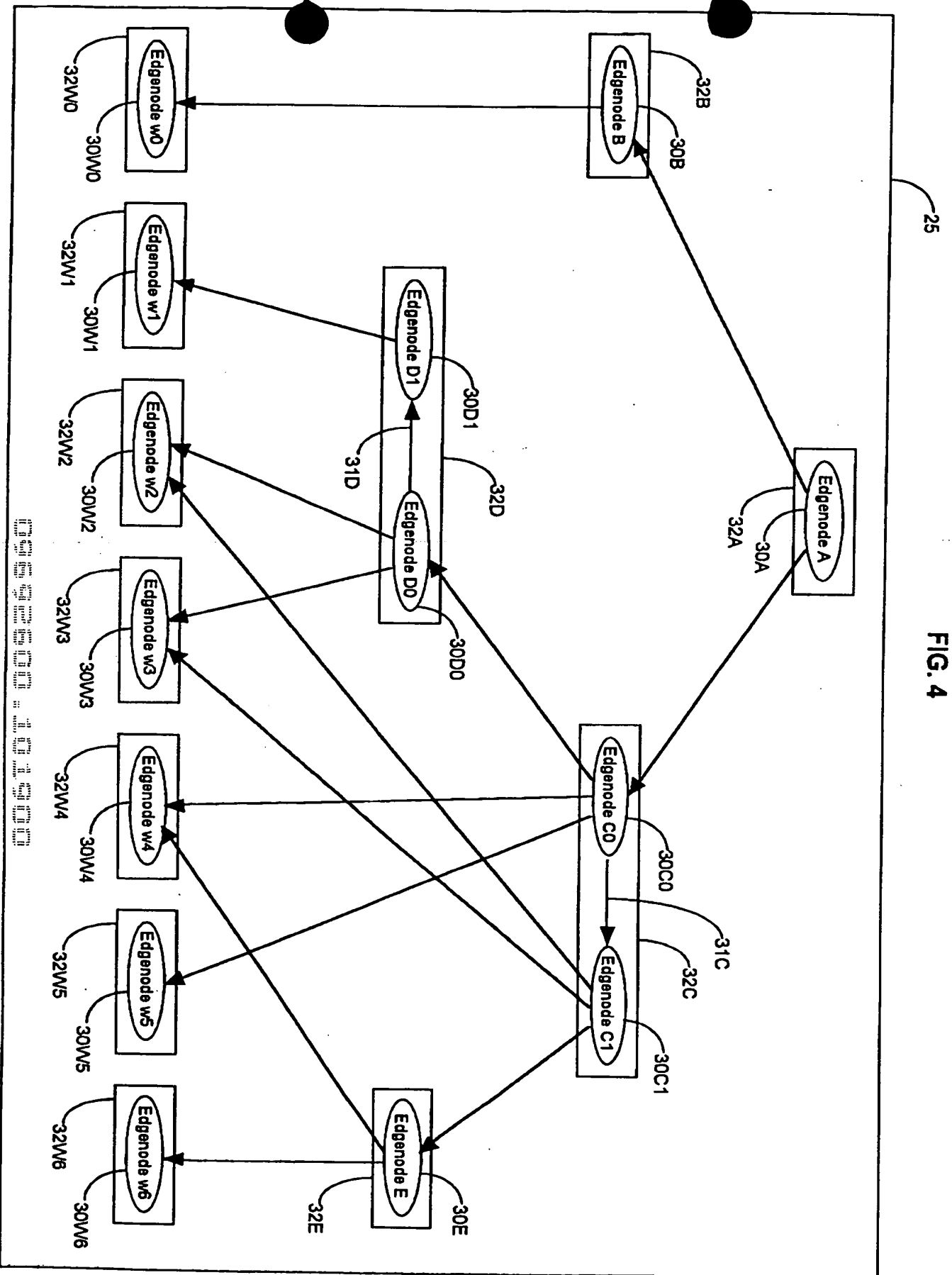


FIG. 5

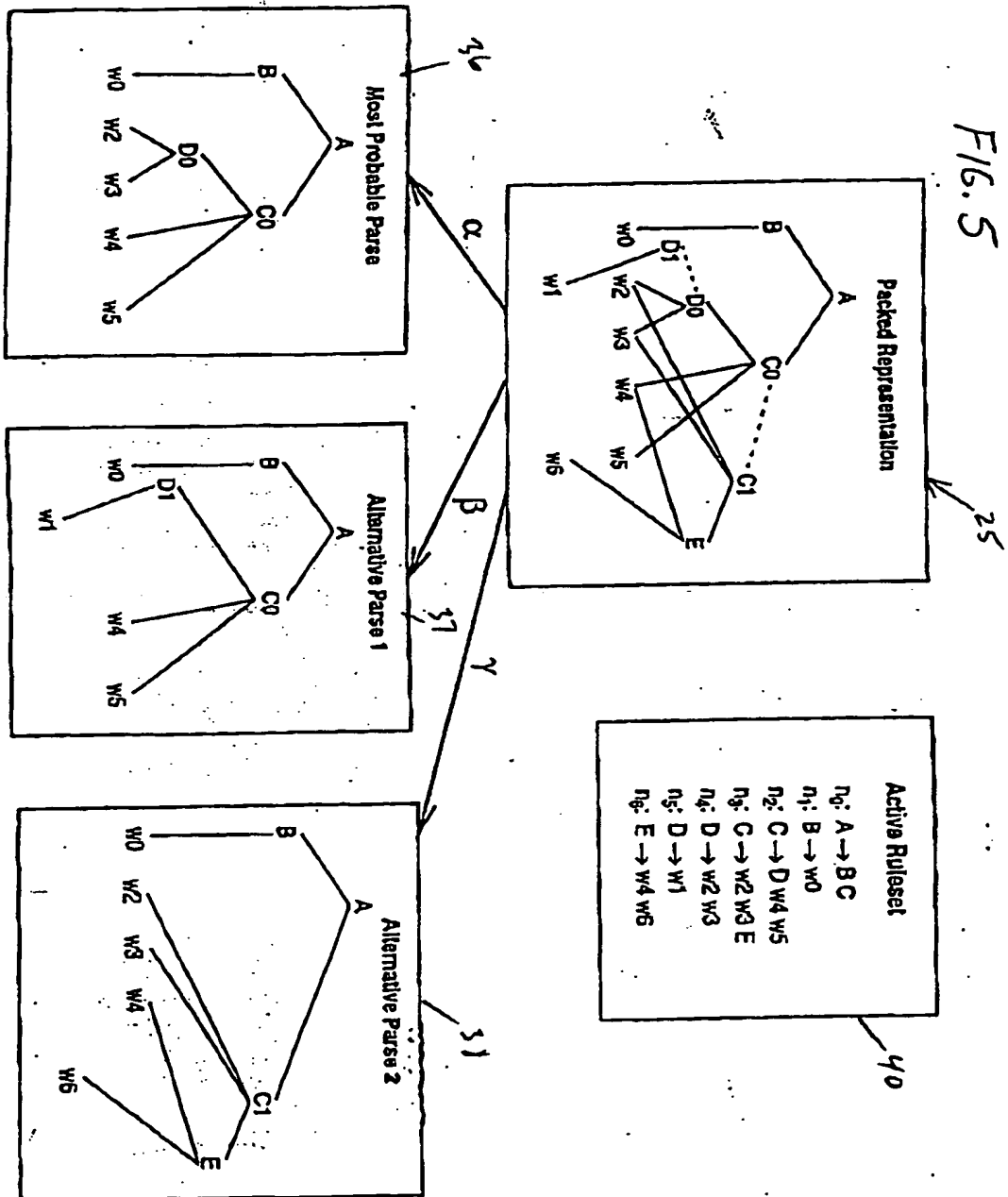


Figure 6: Traversal Algorithm for Unpacking Parses

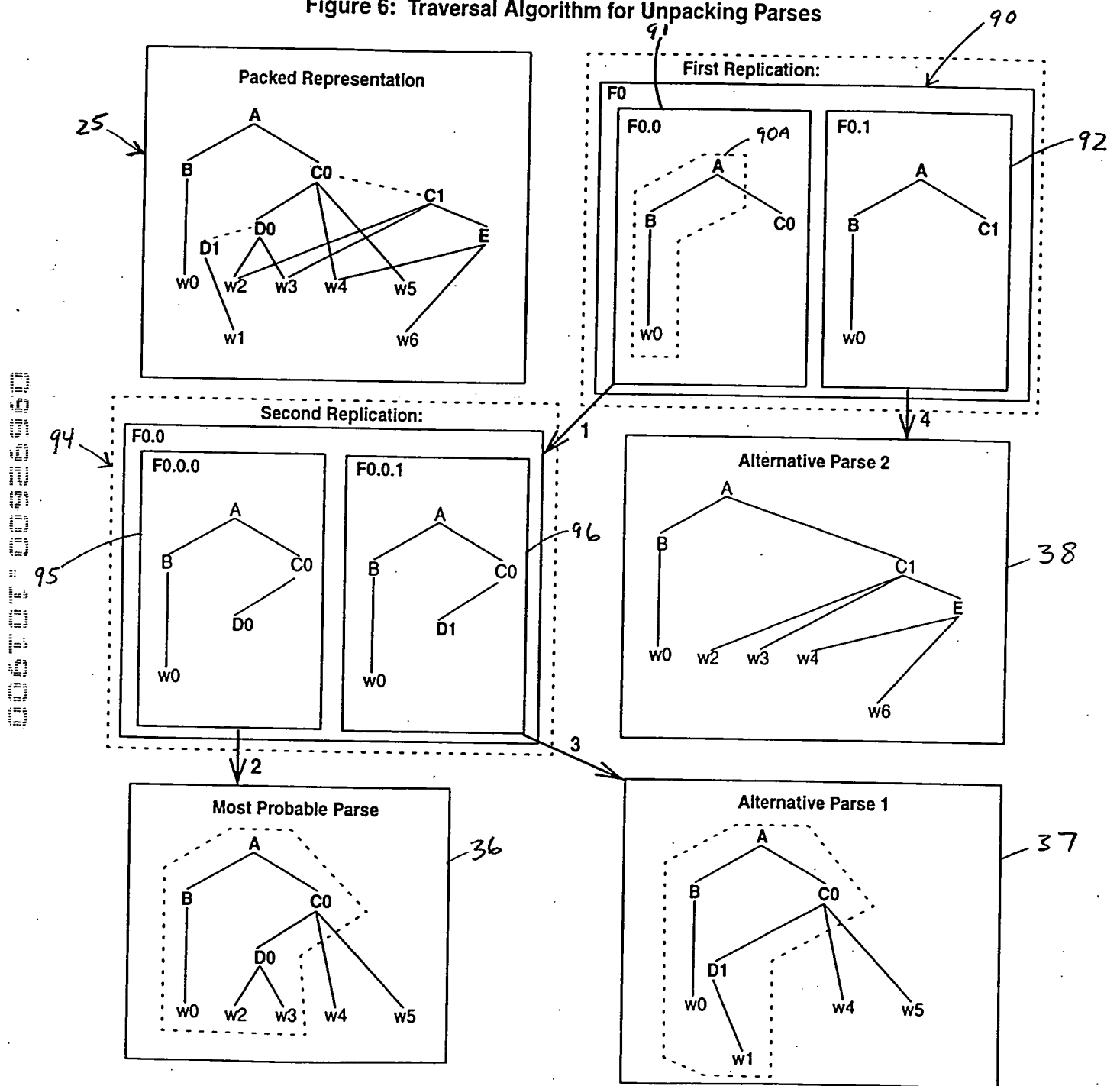


FIG. 7

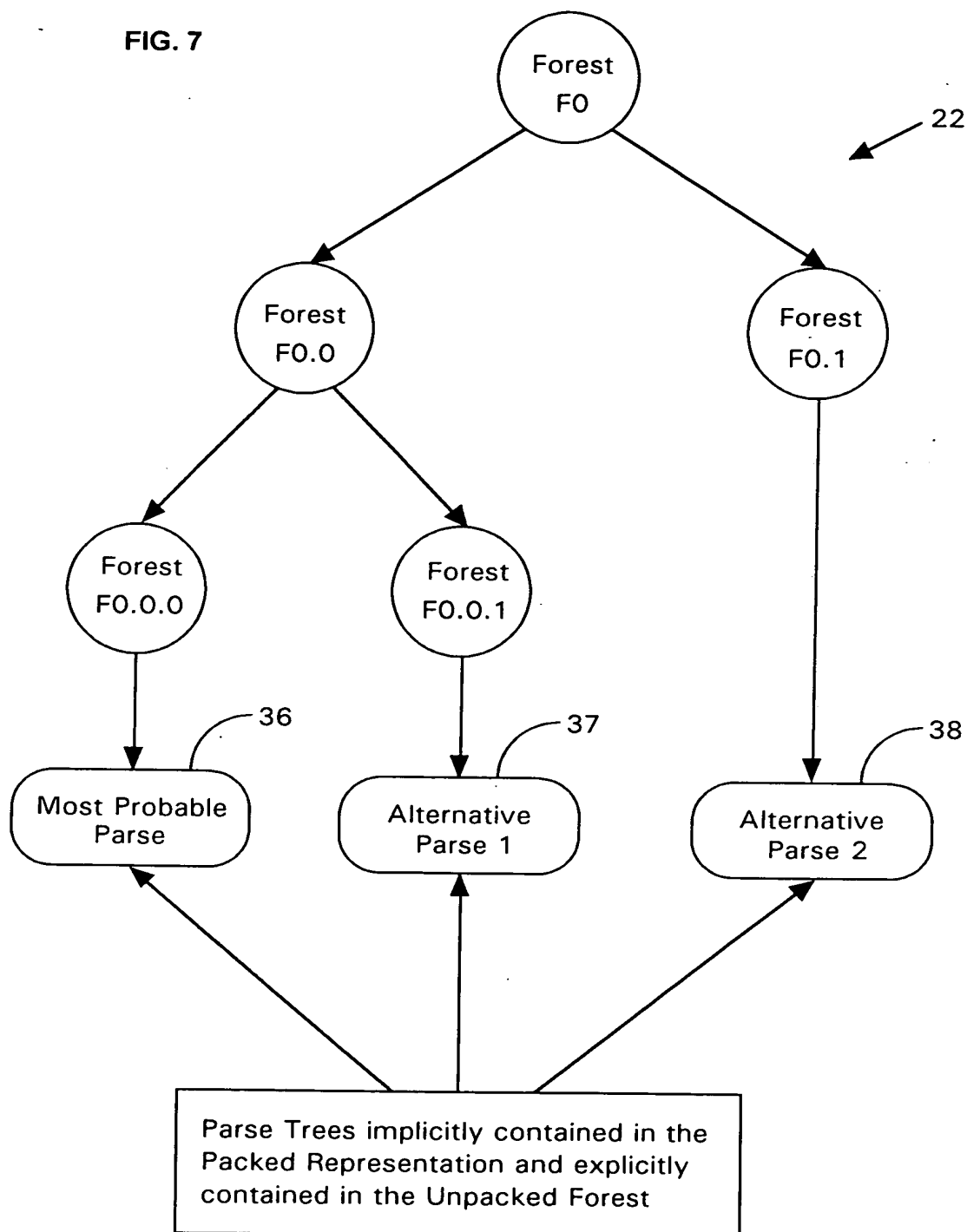


FIG. 8

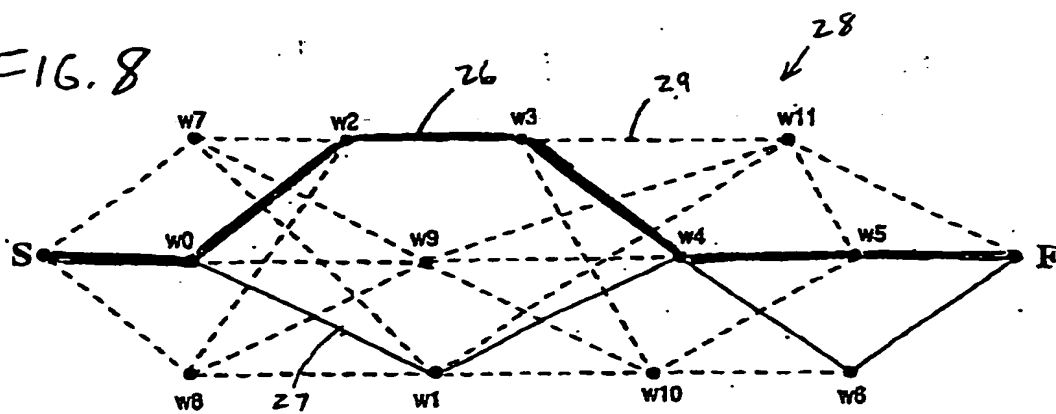


FIG. 9

FIG. 8

